The State of Texas Assessments of Academic Readiness (STAAR®) Hybrid Scoring Study Methods and Results: Spring 2023 Items

Program	Item Type	Scoring Specification
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High-Level Overview of the Study Method

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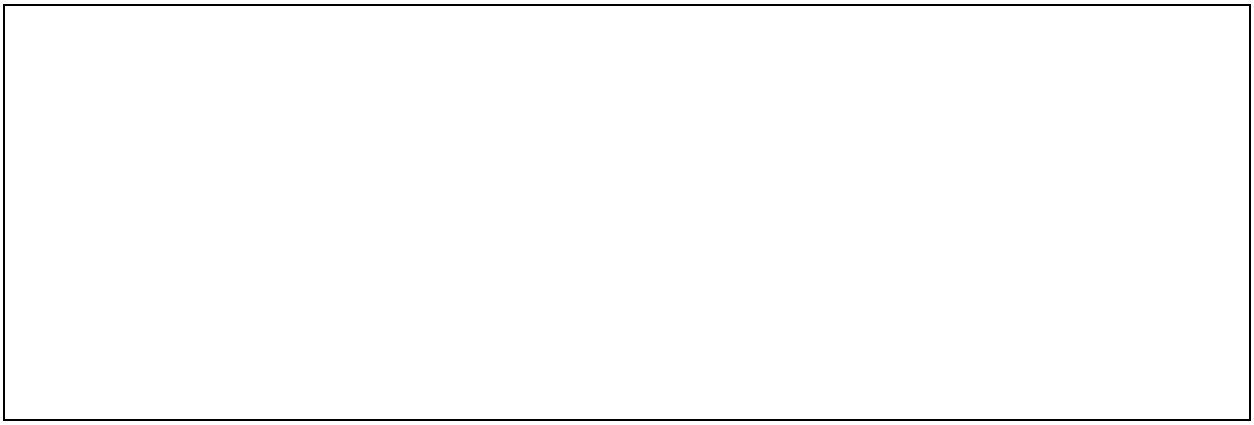

Phase 5: Operational Sample Scoring Categories Using Re programmed Models

References

Technical Report: Automated Scoring Performance on the NAEP Automated Scoring Challenge: Item Specific Models.

ELECTRA: Pre-training text encoders as discriminators rather than generators.

Journal of the American Society for Information Science, 41(6),

The C Users Journal archive, 12

Convbert: Improving bert with span-based dynamic convolution.

Research Results of PARCC Automated Scoring Proof of Concept Study.

Attention is all you need.

Educational Measurement: Issues and Practice, 31(1),

Artificial intelligence

Item ID	Model				

Item ID	Model	N			

Item ID	Subgroup	N		Mean		SD		SMD HSAS	QWK		Exact Agr.	
		All	H1H2	HS	AS	HS	AS		H1H2	HSAS	H1H2	HSAS
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Table C2. STAAR Science SCR Subgroup Performance

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